Amino Acid Sequence of the C2B8 Heavy Chain.

1A

MGWSLILLFLVAVATRVLSQVQLQQPGAELVKPGASVKMSCKASGYTFTSYNM
HWVKQTPGRGLEWIGAIYPGNGDTSYNQKFKGKATLTADKSSSTAYMQLSSLTS
EDSAVYYCARSTYYGGDWYFNVWGAGTTVTVSAASTKGPSVFPLAPSSKSTSG
GTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSS
LGTQTYICNVNHKPSNTKVDKKAEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKP
KDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTY
RVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPS
RDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSK
LTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK*

Amino Acid Sequence of the C2B8 Domain Deleted Heavy Chain

1B

MGWSLILLFLVAVATRVLSQVQLQQPGAELVKPGASVKMSCKASGYTFTSYNM
HWVKQTPGRGLEWIGAIYPGNGDTSYNQKFKGKATLTADKSSSTAYMQLSSLTS
EDSAVYYCARSTYYGGDWYFNVWGAGTTVTVSAASTKGPSVFPLAPSSKSTSG
GTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSS
LGTQTYICNVNHKPSNTKVDKKVEPKSCDKTHTCPPCPGQPREPQVYTLPPSRDE
LTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTV
DKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK*

Fig 1

Nucleotide Sequence of the C2B8 Heavy Chain

A

ATGGGTTGGAGCCTCATCTTGCTCTTCCTTGTCGCTGTTGCTACGCGTGTCCTGTCCC
AGGTACAACTGCAGCAGCCTGGGGCTGAGCTGGTGAAGCCTGGGGCCTCAGTGAAG
ATGTCCTGCAAGGCTTCTGGCTACACATTTACCAGTTACAATATGCACTGGGTAAAA
CAGACACCTGGTCGGGGCCTGGAATGGATTGGAGCTATTTATCCCGGAAATGGTGAT
ACTTCCTACAATCAGAAGTTCAAAGGCAAGGCCACATTGACTGCAGACAAATCCTCC
AGCACAGCCTACATGCAGCTCAGCAGCCTGACATCTGAGGACTCTGCGGTCTATTAC
TGTGCAAGATCGACTTACTACGGCGGTGACTGGTACTTCAATGTCTGGGGCGCAGGG
ACCACGGTCACCGTCTCTGCAGCTAGCACCAAGGGCCCATCGGTCTTCCCCCTGGCA
CCCTCCTCCAAGAGCACCTCTGGGGGCACAGCGGCCCTGGGCTGCCTGGTCAAGGAC
TACTTCCCCGAACCGGTGACGGTGTCGTGGAACTCAGGCGCCCTGACCAGCGGCGTG
CACACCTTCCCGGCTGTCCTACAGTCCTCAGGACTCTACTCCCTCAGCAGCGTGGTGA
CCGTGCCCTCCAGCAGCTTGGGCACCCAGACCTACATCTGCAACGTGAATCACAAGC
CCAGCAACACCAAGGTGGACAAGAAAGCAGAGCCCAAATCTTGTGACAAAACTCAC
ACATGCCCACCGTGCCCAGCACCTGAACTCCTGGGGGGACCGTCAGTCTTCCTCTTCC
CCCCAAAACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGG
TGGTGGACGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGC
GTGGAGGTGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTA
CCGTGTGGTCAGCGTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTA
CAAGTGCAAGGTCTCCAACAAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAA
AGCCAAAGGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGATG
AGCTGACCAAGAACCAGGTCAGCCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCG
ACATCGCCGTGGAGTGGGAGAGCAATGGGCAGCCGGAGAACAACTACAAGACCACG
CCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTCTACAGCAAGCTCACCGTGGACA
AGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGC
ACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA

Nucleotide Sequence of the C2B8 Domain Deleted Heavy Chain

B

ATGGGTTGGAGCCTCATCTTGCTCTTCCTTGTCGCTGTTGCTACGCGTGTCCTGTCCC
AGGTACAACTGCAGCAGCCTGGGGCTGAGCTGGTGAAGCCTGGGGCCTCAGTGAAG
ATGTCCTGCAAGGCTTCTGGCTACACATTTACCAGTTACAATATGCACTGGGTAAAA
CAGACACCTGGTCGGGGCCTGGAATGGATTGGAGCTATTTATCCCGGAAATGGTGAT
ACTTCCTACAATCAGAAGTTCAAAGGCAAGGCCACATTGACTGCAGACAAATCCTCC
AGCACAGCCTACATGCAGCTCAGCAGCCTGACATCTGAGGACTCTGCGGTCTATTAC
TGTGCAAGATCGACTTACTACGGCGGTGACTGGTACTTCAATGTCTGGGGCGCAGGG
ACCACGGTCACCGTCTCTGCAGCTAGCACCAAGGGCCCATCGGTCTTCCCCCTGGCA
CCCTCCTCCAAGAGCACCTCTGGGGGCACAGCGGCCCTGGGCTGCCTGGTCAAGGAC
TACTTCCCCGAACCGGTGACGGTGTCGTGGAACTCAGGCGCCCTGACCAGCGGCGTG
CACACCTTCCCGGCTGTCCTACAGTCCTCAGGACTCTACTCCCTCAGCAGCGTGGTGA
CCGTGCCCTCCAGCAGCTTGGGCACCCAGACCTACATCTGCAACGTGAATCACAAGC
CCAGCAACACCAAGGTGGACAAGAAAGTTGAGCCCAAATCTTGTGACAAAACTCAC
ACATGCCCACCGTGCCCAGGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCA
TCCCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACCTGCCTGGTCAAAGGCTTC
TATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAGCCGGAGAACAACTA
CAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTCTACAGCAAGCTC
ACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCAT
GAGGCTCTGCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA

Fig 2

Nucleotide Sequence of the C2B8 Light Chain

3A

ATGGATTTTCAGGTGCAGATTATCAGCTTCCTGCTAATCAGTGCTTCAGTCAT
AATGTCCAGAGGACAAATTGTTCTCTCCCAGTCTCCAGCAATCCTGTCTGCAT
CTCCAGGGGAGAAGGTCACAATGACTTGCAGGGCCAGCTCAAGTGTAAGTTA
CATCCACTGGTTCCAGCAGAAGCCAGGATCCTCCCCCAAACCCTGGATTTAT
GCCACATCCAACCTGGCTTCTGGAGTCCCTGTTCGCTTCAGTGGCAGTGGGTC
TGGGACTTCTTACTCTCTCACAATCAGCAGAGTGGAGGCTGAAGATGCTGCC
ACTTATTACTGCCAGCAGTGGACTAGTAACCCACCCACGTTCGGAGGGGGGA
CCAAGCTGGAAATCAAACGTACGGTGGCTGCACCATCTGTCTTCATCTTCCCG
CCATCTGATGAGCAGTTGAAATCTGGAACTGCCTCTGTTGTGTGCCTGCTGAA
TAACTTCTATCCCAGAGAGGCCAAAGTACAGTGGAAGGTGGATAACGCCCTC
CAATCGGGTAACTCCCAGGAGAGTGTCACAGAGCAGGACAGCAAGGACAGC
ACCTACAGCCTCAGCAGCACCCTGACGCTGAGCAAAGCAGACTACGAGAAA
CACAAAGTCTACGCCTGCGAAGTCACCCATCAGGGCCTGAGCTCGCCCGTCA
CAAAGAGCTTCAACAGGGGAGAGTGTTGA

Amino Acid Sequence of the C2B8 Light Chain

3B

MDFQVQIISFLLISASVIMSRGQIVLSQSPAILSASPGEKVTMTCRASSSVSYIHWF
QQKPGSSPKPWIYATSNLASGVPVRFSGSGSGTSYSLTISRVEAEDAATYYCQQW
TSNPPTFGGGTKLEIKRTVAAPSVFIFPPSDEQLKSGTASVVCLLNNFYPREAKVQ
WKVDNALQSGNSQESVTEQDSKDSTYSLSSTLTLSKADYEKHKVYACEVTHQG
LSSPVTKSFNRGEC*

Fig 3

Amino Acid Sequence of the HuCC49 Domain Deleted Heavy Chain

+A

MGWSLILLFLVAVATRVLSQVQLVQSGAEVVKPGASVKISCKASGYTFTDHAIH
WVKQNPGQRLEWIGYFSPGNDDFKYNERFKGKATLTADTSASTAYVELSSLRSE
DTAVYFCTRSLNMAYWGQGTLVTVSSASTKGPSVFPLAPSSKSTSGGTAALGCL
VKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYIC
NVNHKPSNTKVDKKVEPKSCDKTHTCPPCPGQPREPQVYTLPPSRDELTKNQVS
LTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQ
QGNVFSCSVMHEALHNHYTQKSLSLSPGK*

Nucleotide Sequence of the HuCC49 Domain Deleted Heavy Chain

+B

ATGGGTTGGAGCCTCATCTTGCTCTTCCTTGTCGCTGTTGCTACGCGTGTCCTG
TCCCAGGTCCAGCTGGTGCAGTCCGGCGCTGAGGTGGTGAAACCTGGGGCTT
CCGTGAAGATTTCCTGCAAGGCAAGCGGCTACACCTTCACTGATCACGCAAT
CCACTGGGTGAAACAGAATCCTGGACAGCGCCTGGAGTGGATTGGATATTTC
TCTCCCGGAAACGATGATTTTAAGTACAATGAGAGGTTCAAGGGCAAGGCCA
CACTGACTGCAGACACATCTGCCAGCACTGCCTACGTGGAGCTCTCCAGCCT
GAGATCCGAGGATACTGCAGTGTACTTCTGCACAAGATCCCTGAATATGGCC
TACTGGGGACAGGGAACCCTGGTCACCGTCTCCAGCGCTAGCACCAAGGGCC
CATCGGTCTTCCCCCTGGCACCCTCCTCCAAGAGCACCTCTGGGGGCACAGC
GGCCCTGGGCTGCCTGGTCAAGGACTACTTCCCCGAACCGGTGACGGTGTCG
TGGAACTCAGGCGCCCTGACCAGCGGCGTGCACACCTTCCCGGCTGTCCTAC
AGTCCTCAGGACTCTACTCCCTCAGCAGCGTGGTGACCGTGCCCTCCAGCAG
CTTGGGCACCCAGACCTACATCTGCAACGTGAATCACAAGCCCAGCAACACC
AAGGTGGACAAGAAAGTTGAGCCCAAATCTTGTGACAAAACTCACACATGCC
CACCGTGCCCAGGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATC
CCGGGATGAGCTGACCAAGAACCAGGTCAGCCTGACCTGCCTGGTCAAAGGC
TTCTATCCCAGCGACATCGCCGTGGAGTGGGAGAGCAATGGGCAGCCGGAGA
ACAACTACAAGACCACGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTC
TACAGCAAGCTCACCGTGGACAAGAGCAGGTGGCAGCAGGGGAACGTCTTCT
CATGCTCCGTGATGCATGAGGCTCTGCACAACCACTACACGCAGAAGAGCCT
CTCCCTGTCTCCGGGTAAATGA

Fig. 4

Amino Acid Sequence of the HuCC49 Light Chain

-A

MDSQAQVLMLLLLWVSGTCGDIVMSQSPDSLAVSLGERVTLNCKSSQSLLYSGN
QKNYLAWYQQKPGQSPKLLIYWASARESGVPDRFSGSGSGTDFTLTISSVQAED
VAVYYCQQYYSYPLTFGAGTKLELKRTVAAPSVFIFPPSDEQLKSGTASVVCLLN
NFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSTYSLSSTLTLSKADYEKHK
VYACEVTHQGLSSPVTKSFNRGEC*

Nucleotide Sequence of the HuCC49 Light Chain

5'

ATGGATAGCCAGGCCCAGGTGCTCATGCTCCTGCTGCTGTGGGTGAGCGGCA
CATGCGGCGACATCGTGATGAGCCAGTCTCCAGACTCCCTGGCCGTGTCCCT
GGGCGAGAGGGTGACTCTGAATTGCAAGTCCAGCCAGTCCCTGCTCTATAGC
GGAAATCAGAAGAACTATCTCGCCTGGTATCAGCAGAAACCAGGGCAGAGC
CCTAAACTGCTGATTTACTGGGCATCCGCTAGGGAATCCGGCGTGCCTGATCG
CTTCAGCGGCAGCGGATCTGGGACAGACTTCACTCTGACAATCAGCAGCGTG
CAGGCAGAAGACGTGGCAGTCTATTATTGTCAGCAGTATTATAGCTATCCCCT
CACATTCGGCGCTGGCACCAAGCTGGAACTGAAACGTACGGTGGCTGCACCA
TCTGTCTTCATCTTCCCGCCATCTGATGAGCAGTTGAAATCTGGAACTGCCTC
TGTTGTGTGCCTGCTGAATAACTTCTATCCCAGAGAGGCCAAAGTACAGTGG
AAGGTGGATAACGCCCTCCAATCGGGTAACTCCCAGGAGAGTGTCACAGAGC
AGGACAGCAAGGACAGCACCTACAGCCTCAGCAGCACCCTGACGCTGAGCA
AAGCAGACTACGAGAAACACAAAGTCTACGCCTGCGAAGTCACCCATCAGG
GCCTGAGCTCGCCCGTCACAAAGAGCTTCAACAGGGGAGAGTGTTGA

Fig. 5

Amino Acid Sequence of C5E10 Heavy Chain

4

MAVLALLFCLVTFPSCILSQVQLKESGPGLVAPSQSLSITCTVSGFSLTDYGVNWV
RQPPGKGLEWLGMIWDNGRTDYNSALKSRLSINKDNSKSQVFLKMTSLQTDDTA
RYYCARCYYGSSPYFDYWGQGTTLTVSSASTKGPSVFPLAPSSKSTSGGTAALGC
LVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYIC
NVNHKPSNTKVDKKVEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRT
PEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVL
HQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVS
LTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQ
GNVFSCSVMHEALHNHYTQKSLSLSPGK

Amino Acid Sequence of C5E10 Domain Deleted Heavy Chain

3

MAVLALLFCLVTFPSCILSQVQLKESGPGLVAPSQSLSITCTVSGFSLTDYGVNWV
RQPPGKGLEWLGMIWDNGRTDYNSALKSRLSINKDNSKSQVFLKMTSLQTDDTA
RYYCARCYYGSSPYFDYWGQGTTLTVSSASTKGPSVFPLAPSSKSTSGGTAALGC
LVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYIC
NVNHKPSNTKVDKKVEPKSCDKTHTCPPCPGQPREPQVYTLPPSRDELTKNQVSL
TCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQ
GNVFSCSVMHEALHNHYTQKSLSLSPGK

Fig 6

Nucleotide Sequence of C5E10 Heavy Chain

A

ATGGCTGTCTTAGCGCTACTCTTCTGCCTGGTAACATTCCCAAGCTGTATCCTTTCCC
AGGTGCAGCTGAAGGAGTCAGGACCTGGCCTGGTGGCGCCCTCACAGAGCCTGTCCA
TCACATGCACCGTCTCAGGGTTCTCATTAACCGACTATGGTGTAAACTGGGTTCGCCA
GCCTCCAGGAAAGGGTCTGGAGTGGCTTGGAATGATATGGGATAATGGAAGAACAG
ACTATAATTCAGCTCTCAAATCCAGACTGAGCATCAACAAGGACAACTCCAAGAGCC
AAGTTTTCTTAAAAATGACCAGTCTGCAAACTGATGACACAGCCAGGTACTACTGTG
CCAGATGCTATTACGGTAGTAGCCCTTACTTTGACTACTGGGGCCAAGGCACCACTC
TCACCGTCTCCTCAGCTAGCACCAAGGGCCCATCGGTCTTCCCCCTGGCACCCTCCTC
CAAGAGCACCTCTGGGGGCACAGCGGCCCTGGGCTGCCTGGTCAAGGACTACTTCCC
CGAACCGGTGACGGTGTCGTGGAACTCAGGCGCCCTGACCAGCGGCGTGCACACCTT
CCCGGCTGTCCTACAGTCCTCAGGACTCTACTCCCTCAGCAGCGTGGTGACCGTGCCC
TCCAGCAGCTTGGGCACCCAGACCTACATCTGCAACGTGAATCACAAGCCCAGCAAC
ACCAAGGTGGACAAGAAAGTTGAGCCCAAATCTTGTGACAAAACTCACACATGCCC
ACCGTGCCCAGCACCTGAACTCCTGGGGGGACCGTCAGTCTTCCTCTTCCCCCCAAA
ACCCAAGGACACCCTCATGATCTCCCGGACCCCTGAGGTCACATGCGTGGTGGTGGA
CGTGAGCCACGAAGACCCTGAGGTCAAGTTCAACTGGTACGTGGACGGCGTGGAGG
TGCATAATGCCAAGACAAAGCCGCGGGAGGAGCAGTACAACAGCACGTACCGTGTG
GTCAGCGTCCTCACCGTCCTGCACCAGGACTGGCTGAATGGCAAGGAGTACAAGTGC
AAGGTCTCCAACAAAGCCCTCCCAGCCCCCATCGAGAAAACCATCTCCAAAGCCAAA
GGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGATGAGCTGACC
AAGAACCAGGTCAGCCTGACCTGCCTGGTCAAAGGCTTCTATCCCAGCGACATCGCC
GTGGAGTGGGAGAGCAATGGGCAGCCGGAGAACAACTACAAGACCACGCCTCCCGT
GCTGGACTCCGACGGCTCCTTCTTCCTCTACAGCAAGCTCACCGTGGACAAGAGCAG
GTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCATGAGGCTCTGCACAACCA
CTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA

Nucleotide Sequence of C5E10 Domain Deleted Heavy Chain

B

ATGGCTGTCTTAGCGCTACTCTTCTGCCTGGTAACATTCCCAAGCTGTATCCTTTCCC
AGGTGCAGCTGAAGGAGTCAGGACCTGGCCTGGTGGCGCCCTCACAGAGCCTGTCCA
TCACATGCACCGTCTCAGGGTTCTCATTAACCGACTATGGTGTAAACTGGGTTCGCCA
GCCTCCAGGAAAGGGTCTGGAGTGGCTTGGAATGATATGGGATAATGGAAGAACAG
ACTATAATTCAGCTCTCAAATCCAGACTGAGCATCAACAAGGACAACTCCAAGAGCC
AAGTTTTCTTAAAAATGACCAGTCTGCAAACTGATGACACAGCCAGGTACTACTGTG
CCAGATGCTATTACGGTAGTAGCCCTTACTTTGACTACTGGGGCCAAGGCACCACTC
TCACCGTCTCCTCAGCTAGCACCAAGGGCCCATCGGTCTTCCCCCTGGCACCCTCCTC
CAAGAGCACCTCTGGGGGCACAGCGGCCCTGGGCTGCCTGGTCAAGGACTACTTCCC
CGAACCGGTGACGGTGTCGTGGAACTCAGGCGCCCTGACCAGCGGCGTGCACACCTT
CCCGGCTGTCCTACAGTCCTCAGGACTCTACTCCCTCAGCAGCGTGGTGACCGTGCCC
TCCAGCAGCTTGGGCACCCAGACCTACATCTGCAACGTGAATCACAAGCCCAGCAAC
ACCAAGGTGGACAAGAAAGTTGAGCCCAAATCTTGTGACAAAACTCACACATGCCC
ACCGTGCCCAGGGCAGCCCCGAGAACCACAGGTGTACACCCTGCCCCCATCCCGGGA
TGAGCTGACCAAGAACCAGGTCAGCCTGACCTGCCTGGTCAAAGGCTTCTATCCCAG
CGACATCGCCGTGGAGTGGGAGAGCAATGGGCAGCCGGAGAACAACTACAAGACCA
CGCCTCCCGTGCTGGACTCCGACGGCTCCTTCTTCCTCTACAGCAAGCTCACCGTGGA
CAAGAGCAGGTGGCAGCAGGGGAACGTCTTCTCATGCTCCGTGATGCATGAGGCTCT
GCACAACCACTACACGCAGAAGAGCCTCTCCCTGTCTCCGGGTAAATGA

Fig. 7

Nucleotide Sequence of C5E10 Light Chain

A

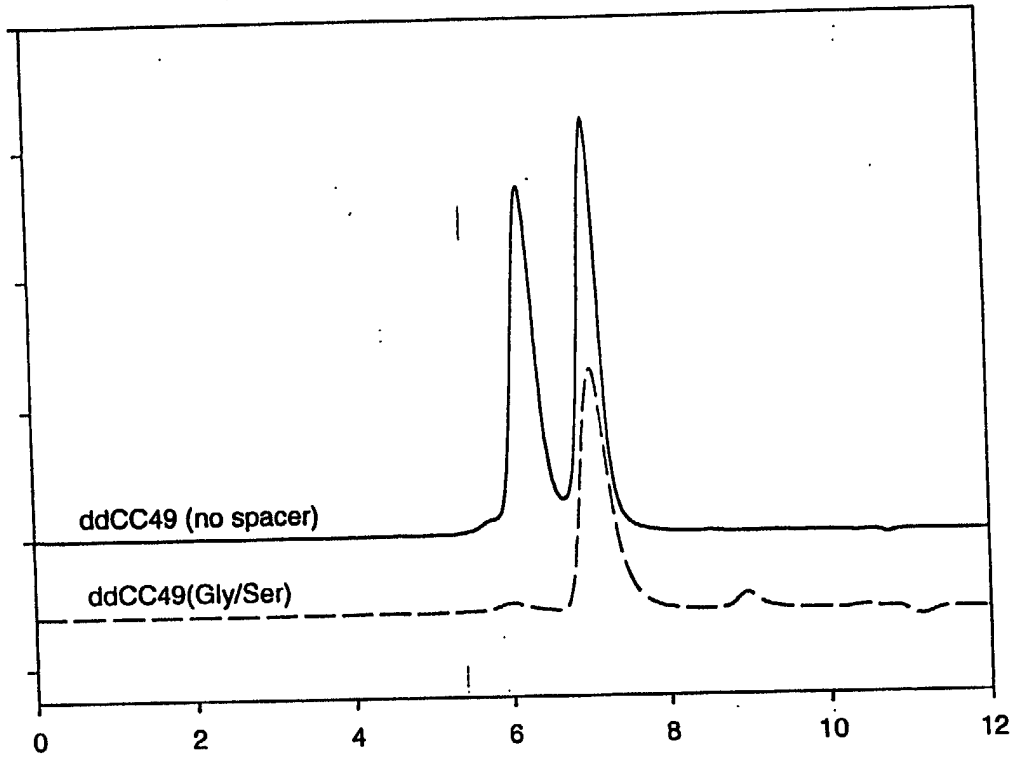
ATGGGCATCAAGATGGAGTCACATTCTCTGGTCTTTGTATACATGTTGCTGTG
GTTGTCTGGTGTTGAAGGAGACATTGTGATGATCCAGTCTCACAAATTCATGT
CCACATCAGTAGGAGACAGGGTCAGCATCACCTGCAAGGCCAGTCAGGATGT
GGGTACTGCTGTCGCCTGGTATCAACAGAAACCAGGACAATCTCCTAAACTA
CTGATTTACTGGTCATCCACCCGGCACACTGGAGTCCCTGATCGCTTCACAGG
CAGTGGATCTGGGACAGATTTCACTCTCACCATTAGCAATGTGCAGTCTGAA
GACTTGGCAGATTATTTCTGTCAGTTATATAGCAGCTATCCTCTCACGTTCGG
AGGGGGGACCAAGCTGGAAATCAAACGTACGGTGGCTGCACCATCTGTCTTC
ATCTTCCCGCCATCTGATGAGCAGTTGAAATCTGGAACTGCCTCTGTTGTGTG
CCTGCTGAATAACTTCTATCCCAGAGAGGCCAAAGTACAGTGGAAGGTGGAT
AACGCCCTCCAATCGGGTAACTCCCAGGAGAGTGTCACAGAGCAGGACAGC
AAGGACAGCACCTACAGCCTCAGCAGCACCCTGACGCTGAGCAAAGCAGAC
TACGAGAAACACAAAGTCTACGCCTGCGAAGTCACCCATCAGGGCCTGAGCT
CGCCCGTCACAAAGAGCTTCAACAGGGGAGAGTGTTGA

Amino Acid Sequence of C5E10 Light Chain

B

MGIKMESHSLVFVYMLLWLSGVEGDIVMIQSHKFMSTSVGDRVSITCKASQDVG
TAVAWYQQKPGQSPKLLIYWSSTRHTGVPDRFTGSGSGTDFTLTISNVQSEDLAD
YFCQLYSSYPLTFGGGTKLEIKRTVAAPSVFIFPPSDEQLKSGTASVVCLLNNFYP
REAKVQWKVDNALQSGNSQESVTEQDSKDSTYSLSSTLTLSKADYEKHKVYAC
EVTHQGLSSPVTKSFNRGEC

Fig. 8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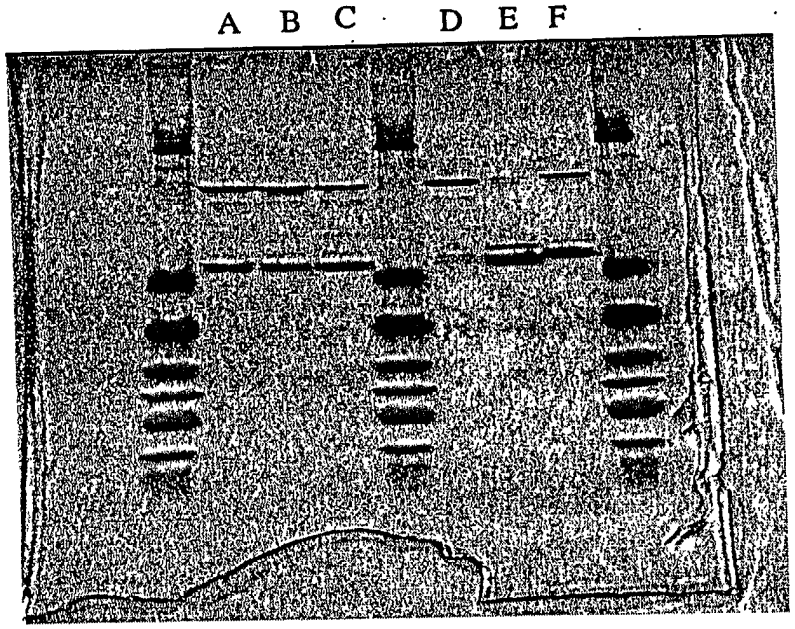
ddCC49(Gly/Ser)
0
2
4
6
8
10
12
Retention Time (min)

Fig. 9



Legend:

A: Run #: 1
B. Run #: 2
C. Run #: 3
} ddCC49

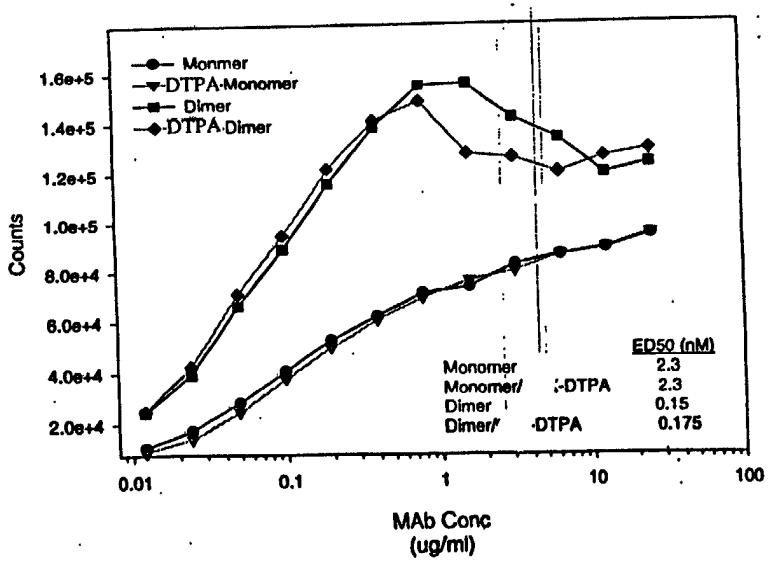
D. Purified ddCC49 (240 kDa)

E. Purified ddCC49 (120 kDa)

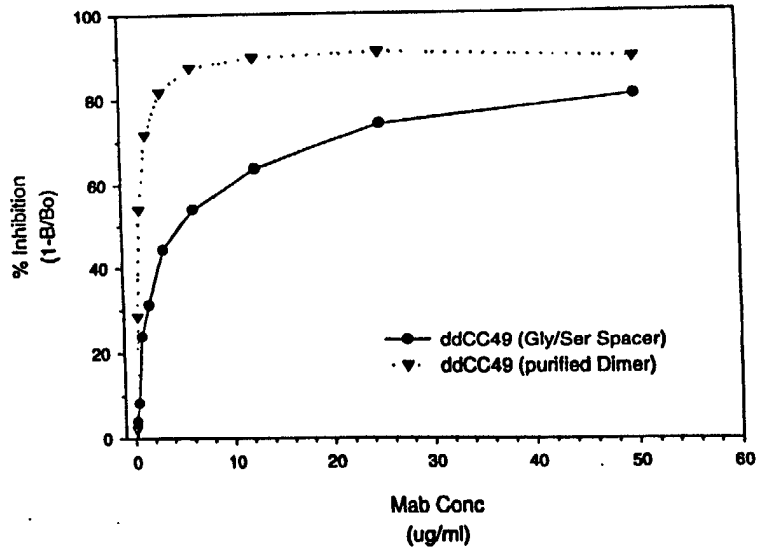
F. ddCC49(Gly/Ser)

Fig. 10

Fig. 11

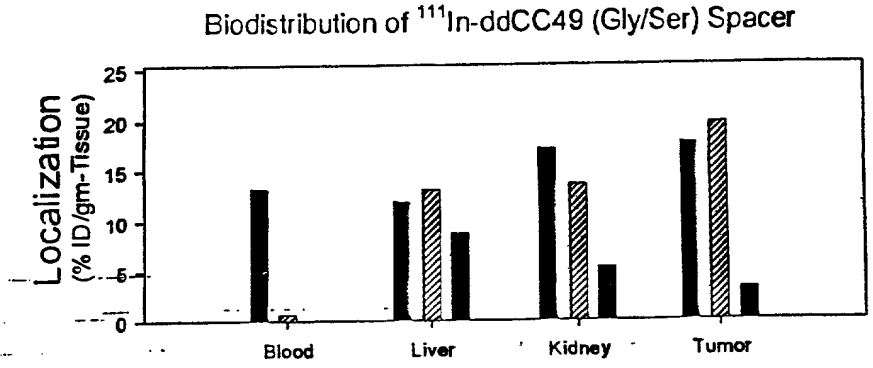


11 A

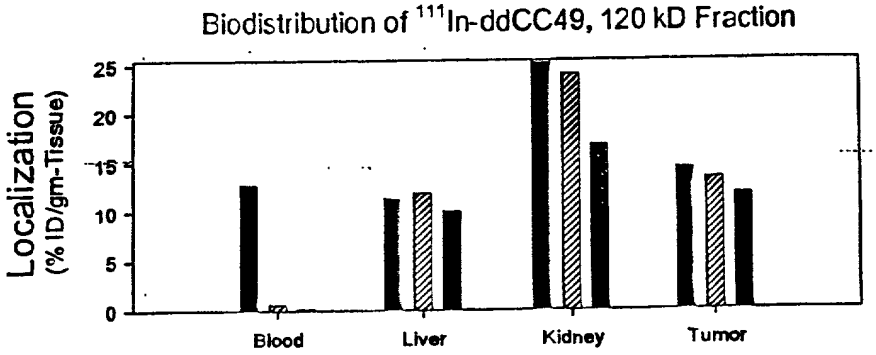


11 B

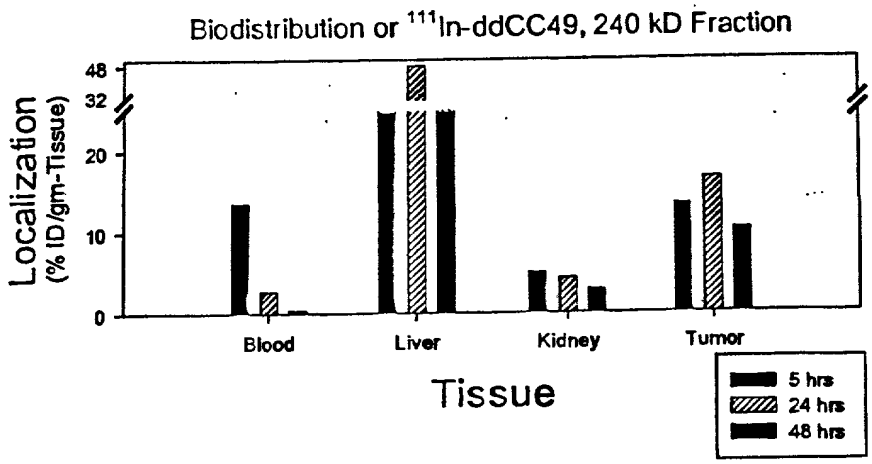
Fig. 12



12A

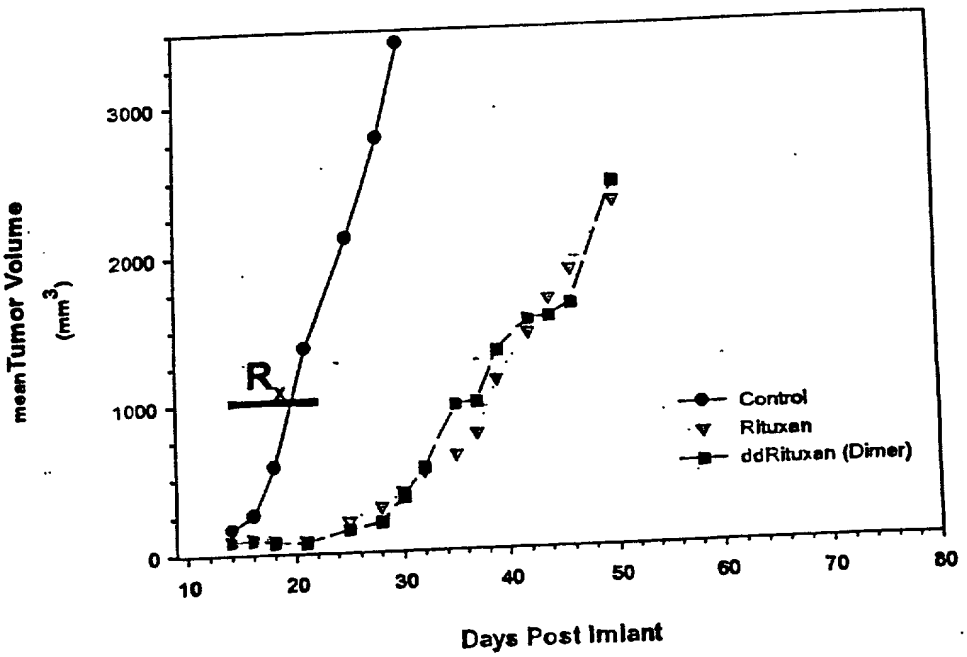


12B



12C

Fig. 13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(mm3)
3000
2000
1000
0
10
20
30
40
50
60
70
80
R
Control
Rituxan
ddRituxan (Dimer)
Days Post Imlant